

ABSTRACT

An optical glass having a refractive index (n_d) of 1.57 to 1.67, an Abbe's number (v_d) of 55 to 65 and a glass transition temperature (T_g) of 560°C or lower and having a low-temperature softening property and excellent climate resistance or a haze value of 3 % or less, or an optical glass comprising, by mol%, 22 to 40 % of B_2O_3 , 12 to 40 % of SiO_2 , 2 to 20 % of Li_2O , 5 to 15 % of CaO , 2 to 14 % of ZnO , 0.5 to 4 % of La_2O_3 , 0 to 3 % of Gd_2O_3 , 0 to 3 % of Y_2O_3 , the total content of La_2O_3 , Gd_2O_3 and Y_2O_3 being at least 1 %, 0 to 5 % of Al_2O_3 , 0 to 3 % of ZrO_2 and 0 to 5 % of BaO , the total content of the above components being more than 96 %, and having a refractive index (n_d) of 1.57 to 1.67 and an Abbe's number (v_d) of 55 to 65.